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MD Student with Scholarly Concentration in Health Services & Policy
Research / Surgery, expected graduation Winter 2028

Publications

PUBLICATIONS

- **Hematopoietic Stem Cell Transplantation with Enhanced Brain Conditioning Corrects Progranulin Deficiency in mouse models**
Colella, P., Suarez-Nieto, M., Tejada-Polanco, E., Vera, L., Poletto, E., Basurto, J., Nyame, K., Xiong, J., Abu-Remaih, M., Gomez-Ospina, N.
CELL PRESS.2025
- **Genome-edited autologous stem cell transplantation with enhanced brain conditioning to correct progranulin deficiency**
Colella, P., Suarez-Nieto, M. V., Tejada-Polanco, E., Vera, L., Poletto, E., Basurto, J., Gomez-Ospina, N.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2025
- **CNS-wide repopulation by hematopoietic-derived microglia-like cells corrects progranulin deficiency in mice.** *Nature communications*
Colella, P., Sayana, R., Suarez-Nieto, M. V., Sarno, J., Nyame, K., Xiong, J., Pimentel Vera, L. N., Arozqueta Basurto, J., Corbo, M., Limaye, A.,
Davis, K. L., Abu-Remaih, M., Gomez-Ospina, et al
2024; 15 (1): 5654
- **Perioperative Regional Anesthesia Pain Outcomes in Children: A Retrospective Study of 3,160 Regional Anesthetics in Routine Practice.** *The Clinical journal of pain*
Xie, J., De Souza, E., Perez, F., Suárez-Nieto, M. V., Wang, E., Anderson, T. A.
2023
- **CNS Repopulation by Hematopoietic-Derived Microglia-Like Cells Corrects Progranulin deficiency.** *Research square*
Colella, P., Sayana, R., Suarez-Nieto, M. V., Sarno, J., Nyame, K., Xiong, J., Vera, L. N., Basurto, J. A., Corbo, M., Limaye, A., Davis, K. L., Abu-
Remaih, M., Gomez-Ospina, et al
2023
- **Microglia Replacement with Bone Marrow-Derived Cells after Transient Inhibition of the Colony-Stimulating Factor 1 Receptor (CSF1R) is Superior to Standard Myeloablative Conditioning in Neuropathic Lysosomal Storage Diseases**
Colella, P., Suarez-Nieto, M., Sayana, R., Poletto, E., Vera, L., Basurto, J., Gomez-Ospina, N.
CELL PRESS.2023: 160-161
- **Association of Race and Ethnicity with Pediatric Postoperative Pain Outcomes.** *Journal of racial and ethnic health disparities*
Rosenbloom, J. M., De Souza, E., Perez, F. D., Xie, J., Suarez-Nieto, M. V., Wang, E., Anderson, T. A.
2022
- **Association between regional anesthesia and analgesic outcomes: a single-center retrospective study of 2,761 pediatric regional anesthetics**
Xie, J. J., De Souza, B., Perez, F. D., Suarez-Nieto, M. V., Wang, E., Anderson, T. A.
LIPPINCOTT WILLIAMS & WILKINS.2021: 934-936